

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF40100-2Z



Designation	ZKLF40100-2Z
Mass $m = \text{kg}$	1.46
Dimensions	
d -0,005	40
D -0,01	100
B -0,25	34
d1	58
r min.	0.3
r1 min.	0.6
J	80
d2	8.8
b	3
l	25
Pitch $n \times t$	$8 \times 45^\circ$
Mounting dimensions	
Da max.	67
da min.	50
t1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8
$n \times t_a$	$4 \times 90^\circ$
Basic load ratings axial	
dyn. Ca N	47500
stat. C0a N	101000
Fatigue limit load Cu	6000
N	
Limiting speed n_G	5200
grease min-1	
Thermally safe	3300
operating speed n_P	
min-1	
Bearing frictional torque	0.35
MR Nm	
Rigidity axial caL N/ μm	1000
Tilting rigidity ckL	550
Mass moment of inertia	2.26
Mm	
Axial runout μm	2.5
Recommended INA precision locknut	
For radial locking	ZM40
For axial locking	AM40
Tightening torque MA	55
Nm	
Required locknut force	13412
axial N	